UNITED NATIONS DEVELOPMENT PROGRAMME

UNDP

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DP/PROJECTS/2662
(BOL/73/008)
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APPROVAL OF LARGE-SCALE UNDP ASSISTANCE TO A PROJECT OF THE GOVERNMENT OF BOLIVIA

Project title and number:	Water Resources, Cochabamba (Supplementary Assistance)(BOL/73/008)
Executing Agency:	United Nations
Government co-operating agency:	Geological Service of Bolivia (GEOBOL) Ministry of Agriculture (MACA)
Date of approval:	August 1977
Starting date for project operations:	- 1/
Duration:	- 2/
Estimated value of the Government additional input expressed in US dollars:	$526 000
Estimated UNDP additional contribution:	$155 217
Source of UNDP financing:	Indicative Planning Figure (IFP)

I. Background

1. Project activities started in December 1973 with the objective of evaluating water resources in the Department of Cochabamba. 3/ At the beginning emphasis was put on underground water resources. In 1974 and 1975, however, greater attention was given to surface water.

2. The extension of the duration of this project is to: obtain additional experience in the execution of irrigation projects, make an integrated hydro-agricultural study of the most promising areas for irrigation in the Valle Alto, to the north of the

1/ Project operations started under Preparatory Assistance in December 1973.

2/ The project duration, previously three years and one month, was extended by one year and six months. It was finally completed in September 1978.

3/ DP/PROJECTS/573.

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Cochabamba-Quillacollo road and west of Vinto, all of which are situated in the Department of Cochabamba, and obtain information for the preparation of rural development projects.

II. The project

3. The objectives of the project remain to assist the Government of Bolivia in the evaluation of its underground and surface water resources and to strengthen irrigation plans to be implemented by the Ministry of Agriculture.

4. Under the Supplementary Assistance the project is to: (a) determine the quantity and quality of underground and surface water resources in the valleys of Cochabamba, Sacaba, Punata and Santibañez and other selected areas; (b) determine the most favourable areas for the development of water resources to be used in multi-purpose projects; (c) prepare general plans for the development of water resources in the areas under study; (d) train national technicians in aspects related to research and development of water resources, irrigation and cultivation; (e) prepare studies on water resources and formulate projects using surface water; (f) organize groups of small farmers to assure the rational use of water for agricultural activities of pilot areas selected by the project; (g) study economic aspects of irrigation using surface water; and (h) drill 10 water wells.

5. Through the Supplementary Assistance UNDP will continue to provide the services of a hydrologist, an irrigation expert, consultant services, equipment and a subcontract with a private institution for the preparation of hydro-geological models.

6. The expenditure components of the UNDP contribution are as follows:

	Previously approved		Present approval		Total approved	
	m/m	$	m/m	$	m/m	$
Personnel	115.6	403 058	42.0	195 819	157.6	598 877
Subcontracts				5 000		5 000
Training		8 824		247		9 071
Equipment		332 836		(55 403)		277 433
Miscellaneous		61 004		9 554		70 558
		805 722		155 217		960 939

7. The cumulative amount of the Government input expressed in US dollars is $2,216,000 (in kind).

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